

# Search history

SRIVASTAVA 10/614324

07/20/2006

=> d his full

(FILE 'HOME' ENTERED AT 13:20:37 ON 20 JUL 2006)

FILE 'HCAPLUS' ENTERED AT 13:21:00 ON 20 JUL 2006

E US2003-614324 /APPS

L1 1 SEA ABB=ON PLU=ON US2003-614324 /APPS  
D SCA  
D IALL  
SEL RN

FILE 'REGISTRY' ENTERED AT 13:21:41 ON 20 JUL 2006

L2 6 SEA ABB=ON PLU=ON (158014-74-5/BI OR 6066-82-6/BI OR  
657409-70-6/BI OR 657409-72-8/BI OR 70195-20-9/BI OR 72905-30-7  
/BI)  
D SCA

L3 148515 SEA ABB=ON PLU=ON RU>0  
L4 3 SEA ABB=ON PLU=ON L3 AND L2

FILE 'HCAPLUS' ENTERED AT 13:22:53 ON 20 JUL 2006

L5 226 SEA ABB=ON PLU=ON L4

FILE 'REGISTRY' ENTERED AT 13:23:12 ON 20 JUL 2006

D SCA L4

L\*\*\* DEL 0 S L1 AND L5

FILE 'HCAPLUS' ENTERED AT 13:24:50 ON 20 JUL 2006

L6 1 SEA ABB=ON PLU=ON L1 AND L5  
D SCA

L7 15 SEA ABB=ON PLU=ON L4/PREP

L8 1 SEA ABB=ON PLU=ON L1 AND L7  
D SCA  
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 13:26:23 ON 20 JUL 2006

L9 2 SEA ABB=ON PLU=ON (657409-70-6/BI OR 657409-72-8/BI)  
D SCA

FILE 'HCAPLUS' ENTERED AT 13:26:38 ON 20 JUL 2006

L10 4 SEA ABB=ON PLU=ON L9  
D SCA

L11 403 SEA ABB=ON PLU=ON UYAMA N?/AU

L12 1970 SEA ABB=ON PLU=ON OKAMURA T?/AU

L13 89 SEA ABB=ON PLU=ON NORIOKA S?/AU

L14 1969 SEA ABB=ON PLU=ON NAKAZAWA T?/AU

L15 213 SEA ABB=ON PLU=ON KUYAMA H?/AU

L16 351 SEA ABB=ON PLU=ON ANDO E?/AU

L\*\*\* DEL 7 S L11 AND L12 AND L13 AND L14 AND L15 AND L16

L\*\*\* DEL 0 S L10 AND L17

L\*\*\* DEL 0 S L10 AND L17

D AU L1

L\*\*\* DEL 412 S KAMIYAMA K?/AU

L17 412 SEA ABB=ON PLU=ON KAMIYAMA K?/AU

L18 0 SEA ABB=ON PLU=ON L11 AND L12 AND L13 AND L14 AND L15 AND  
L16 AND L17

L19 QUE ABB=ON PLU=ON L3

L20 20 SEA ABB=ON PLU=ON (L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR  
L17) AND L19  
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 13:35:14 ON 20 JUL 2006

L21 59 SEA ABB=ON PLU=ON (15158-62-0/BI OR 7440-18-8/BI OR 656229-88-8/BI OR 657409-72-8/BI OR 72905-30-7/BI OR 12036-10-1/BI OR 12135-42-1/BI OR 12181-34-9/BI OR 123661-80-3/BI OR 16971-33-8/BI OR 175611-50-4/BI OR 175611-51-5/BI OR 175611-52-6/BI OR 196202-23-0/BI OR 20427-56-9/BI OR 299187-90-9/BI OR 38833-34-0/BI OR 41290-68-0/BI OR 445012-95-3/BI OR 491872-72-1/BI OR 491872-74-3/BI OR 491872-76-5/BI OR 491872-78-7/BI OR 491872-80-1/BI OR 503569-62-8/BI OR 56110-87-3/BI OR 655234-53-0/BI OR 655234-56-3/BI OR 657409-70-6/BI OR 657409-71-7/BI OR 823786-47-6/BI OR 823786-49-8/BI OR 823786-51-2/BI OR 823786-53-4/BI OR 823786-54-5/BI OR 823786-55-6/BI OR 823786-56-7/BI OR 823786-57-8/BI OR 823786-58-9/BI OR 823786-59-0/BI OR 823786-60-3/BI OR 823786-61-4/BI OR 823786-62-5/BI OR 823786-63-6/BI OR 823786-64-7/BI OR 823786-83-0/BI OR 823786-85-2/BI OR 823810-89-5/BI OR 823811-83-2/BI OR 851485-47-7/BI OR 86045-59-2/BI OR 869064-69-7/BI OR 869064-71-1/BI OR 869064-73-3/BI OR 869064-75-5/BI OR 869064-77-7/BI OR 869064-79-9/BI OR 869064-81-3/BI OR 96364-20-4/BI)  
D SCA

FILE 'HCAPLUS' ENTERED AT 13:38:13 ON 20 JUL 2006

L22 161 SEA ABB=ON PLU=ON L11 AND ((L12 OR L13 OR L14 OR L15 OR L16 OR L17))  
L23 15 SEA ABB=ON PLU=ON L12 AND (L13 OR L14 OR L15 OR L16 OR L17)  
L24 11 SEA ABB=ON PLU=ON L13 AND (L14 OR L15 OR L16 OR L17)  
L25 12 SEA ABB=ON PLU=ON L14 AND (L15 OR L16 OR L17)  
L26 12 SEA ABB=ON PLU=ON L15 AND (L16 OR L17)  
L\*\*\* DEL 0 S L16 AND L17  
L27 2 SEA ABB=ON PLU=ON L16 AND L17  
L28 9 SEA ABB=ON PLU=ON L22 AND (L23 OR L24 OR L25 OR L26 OR L27)  
L29 11 SEA ABB=ON PLU=ON L23 AND (L24 OR L25 OR L26 OR L27)  
L30 11 SEA ABB=ON PLU=ON L24 AND (L25 OR L26 OR L27)  
L31 9 SEA ABB=ON PLU=ON L25 AND (L26 OR L27)  
L32 1 SEA ABB=ON PLU=ON L26 AND L27  
L33 11 SEA ABB=ON PLU=ON (L28 OR L29 OR L30 OR L31 OR L32)  
L34 27 SEA ABB=ON PLU=ON L33 OR L18 OR L20  
D SCA

FILE 'STNGUIDE' ENTERED AT 13:45:31 ON 20 JUL 2006

FILE 'HCAPLUS' ENTERED AT 13:52:12 ON 20 JUL 2006

FILE 'REGISTRY' ENTERED AT 13:52:15 ON 20 JUL 2006  
E A/CI

FILE 'HCAPLUS' ENTERED AT 13:52:16 ON 20 JUL 2006

FILE 'STNGUIDE' ENTERED AT 13:53:16 ON 20 JUL 2006

FILE 'REGISTRY' ENTERED AT 13:53:29 ON 20 JUL 2006

L35 3 SEA ABB=ON PLU=ON L2 NOT L4  
D SCA  
E "BENZOIC ACID, 4-92,2':6',2''-TERPYRIDIN)-4'-YL-"/CN  
E "BENZOIC ACID, 4-(2,2':6',2''-TERPYRIDIN)-4'-YL-"/CN  
L36 1 SEA ABB=ON PLU=ON "BENZOIC ACID, 4-(2,2':6',2''-TERPYRIDIN)-4'-YL-"/CN

FILE 'HCAPLUS' ENTERED AT 13:55:09 ON 20 JUL 2006

L37 8 SEA ABB=ON PLU=ON L36

D SCA  
L38 4 SEA ABB=ON PLU=ON L37 AND L19  
FILE 'STNGUIDE' ENTERED AT 13:59:30 ON 20 JUL 2006  
FILE 'REGISTRY' ENTERED AT 14:03:39 ON 20 JUL 2006  
L39 STRUCTURE UPLOADED  
L40 2034666 SEA ABB=ON PLU=ON T1/PG  
L41 980214 SEA ABB=ON PLU=ON T2/PG  
L42 604750 SEA ABB=ON PLU=ON T3/PG  
L43 2951684 SEA ABB=ON PLU=ON (L40 OR L41 OR L42)  
L44 50 SEA SUB=L43 SSS SAM L39  
FILE 'STNGUIDE' ENTERED AT 14:07:33 ON 20 JUL 2006  
FILE 'REGISTRY' ENTERED AT 14:14:52 ON 20 JUL 2006  
L45 STRUCTURE UPLOADED  
L46 50 SEA SUB=L43 SSS SAM L45  
FILE 'STNGUIDE' ENTERED AT 14:16:45 ON 20 JUL 2006  
FILE 'REGISTRY' ENTERED AT 14:18:10 ON 20 JUL 2006  
L47 STRUCTURE UPLOADED  
L48 50 SEA SUB=L43 SSS SAM L47  
D STAT QUE L48  
FILE 'STNGUIDE' ENTERED AT 14:20:31 ON 20 JUL 2006  
FILE 'REGISTRY' ENTERED AT 14:27:51 ON 20 JUL 2006  
L49 720204 SEA ABB=ON PLU=ON L43 AND N>2  
L50 50 SEA SUB=L49 SSS SAM L47  
D STAT QUE L50  
D STAT QUE L48  
L51 92776 SEA SUB=L49 SSS FUL L47  
SAVE TEMP L51 SRI324STRC/A  
FILE 'HCAPLUS' ENTERED AT 14:33:36 ON 20 JUL 2006  
L52 64415 SEA ABB=ON PLU=ON L51  
E MASS SPECTROMETRY+ALL/CT  
L53 63198 SEA ABB=ON PLU=ON "MASS SPECTROMETRY"/CW  
L54 1217241 SEA ABB=ON PLU=ON PROTEIN?/CW  
L55 10612 SEA ABB=ON PLU=ON PEPTIDE/CW  
E TRANSITION METALS+ALL/CT  
L56 145097 SEA ABB=ON PLU=ON TRANSITION METAL?/OBI  
L57 167 SEA ABB=ON PLU=ON L52 AND L53  
L58 28 SEA ABB=ON PLU=ON L52 AND L53 AND (L54 OR L55)  
L59 3 SEA ABB=ON PLU=ON L52 AND L53 AND (L54 OR L55) AND L56  
D SCA  
L60 139545 SEA ABB=ON PLU=ON PEPTIDES/CW  
L61 3 SEA ABB=ON PLU=ON L52 AND L53 AND L60 AND L56  
D SCA  
L62 129778 SEA ABB=ON PLU=ON MASS SPECTROM?/OBI  
L63 229730 SEA ABB=ON PLU=ON MASS SPECTROM?/BI  
L64 1753009 SEA ABB=ON PLU=ON PROTEIN?/OBI OR PEPTIDE#/OBI  
L65 2470768 SEA ABB=ON PLU=ON (PROTEIN? OR PEPTIDE#)/BI  
L66 179531 SEA ABB=ON PLU=ON TRANSITION METAL?/BI  
L67 8 SEA ABB=ON PLU=ON L52 AND (L53 OR (L62 OR L63)) AND ((L54 OR  
L55) OR (L64 OR L65)) AND (L56 OR L66)  
D SCA  
L68 10 SEA ABB=ON PLU=ON L37 OR L38 OR L59 OR L61

L69 27 SEA ABB=ON PLU=ON L33 OR L18 OR L20  
L70 2 SEA ABB=ON PLU=ON L69 AND L68  
L71 2 SEA ABB=ON PLU=ON (L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR  
L17) AND L68  
L72 705 SEA ABB=ON PLU=ON L52 AND (L53 OR (L62 OR L63))  
L73 QUE ABB=ON PLU=ON ?PEPTID?/BI  
L74 9 SEA ABB=ON PLU=ON L73 AND L72 AND (L56 OR L66)  
L75 2 SEA ABB=ON PLU=ON L74 NOT L67  
D SCA  
D KWIC

FILE 'STNGUIDE' ENTERED AT 14:51:29 ON 20 JUL 2006

FILE 'HCAPLUS' ENTERED AT 14:52:14 ON 20 JUL 2006

L76 QUE ABB=ON PLU=ON L51 (L) (RCT OR RGT OR RACT)/RL  
L77 QUE ABB=ON PLU=ON ((L54 OR L55) OR L60 OR (L64 OR L65) OR  
L73) (L) (RCT OR RGT OR RACT)/RL  
L78 360 SEA ABB=ON PLU=ON L76 AND L77  
L79 229 SEA ABB=ON PLU=ON L76 (L) L77  
L80 17 SEA ABB=ON PLU=ON L78 AND (L53 OR (L62 OR L63))  
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 14:57:08 ON 20 JUL 2006

L81 35 SEA ABB=ON PLU=ON (14875-96-8/BI OR 259256-16-1/BI OR  
12170-35-3/BI OR 155564-30-0/BI OR 163628-11-3/BI OR 163628-12-  
4/BI OR 163748-71-8/BI OR 163748-72-9/BI OR 194991-72-5/BI OR  
244238-19-5/BI OR 342635-92-1/BI OR 342635-93-2/BI OR 342635-94  
-3/BI OR 342635-95-4/BI OR 342635-96-5/BI OR 342635-97-6/BI OR  
342635-98-7/BI OR 342635-99-8/BI OR 342636-00-4/BI OR 342636-01  
-5/BI OR 342636-02-6/BI OR 342636-03-7/BI OR 496032-59-8/BI OR  
518358-93-5/BI OR 518358-94-6/BI OR 53109-82-3/BI OR 605659-12-  
9/BI OR 657409-70-6/BI OR 657409-72-8/BI OR 854035-17-9/BI OR  
870527-48-3/BI OR 890935-48-5/BI OR 890935-62-3/BI OR 890935-70  
-3/BI OR 96946-08-6/BI)  
D SCA

FILE 'HCAPLUS' ENTERED AT 14:59:52 ON 20 JUL 2006

D COST  
L82 106512 SEA ABB=ON PLU=ON ((?PROTEIN? OR ?PEPTID?) (S) (?ATTACH? OR  
?COUPL? OR COVALEN?))/BI

FILE 'STNGUIDE' ENTERED AT 15:01:50 ON 20 JUL 2006

FILE 'HCAPLUS' ENTERED AT 15:03:12 ON 20 JUL 2006

L83 7 SEA ABB=ON PLU=ON L76 AND (L53 OR (L62 OR L63)) AND L82  
D SCA  
L84 QUE ABB=ON PLU=ON MASS SPECTR?/BI  
L85 9 SEA ABB=ON PLU=ON L76 AND L84 AND L82

FILE 'STNGUIDE' ENTERED AT 15:06:21 ON 20 JUL 2006

FILE 'REGISTRY' ENTERED AT 15:11:20 ON 20 JUL 2006

L86 STRUCTURE UPLOADED  
L87 41 SEA SUB=L51 SSS SAM L86  
D STAT QUE L87  
L88 833 SEA SUB=L51 SSS FUL L86  
SAVE TEMP L88 SRI324STRD/A

FILE 'HCAPLUS' ENTERED AT 15:14:44 ON 20 JUL 2006

L89 249 SEA ABB=ON PLU=ON L88

L90 17 SEA ABB=ON PLU=ON L89 AND (L84 OR L53 OR (L62 OR L63))  
FILE 'STNGUIDE' ENTERED AT 15:18:26 ON 20 JUL 2006  
FILE 'HCAPLUS' ENTERED AT 15:19:05 ON 20 JUL 2006  
L91 STRUCTURE UPLOADED  
FILE 'REGISTRY' ENTERED AT 15:19:28 ON 20 JUL 2006  
L92 13 SEA SUB=L51 SSS SAM L91  
D SCA  
FILE 'STNGUIDE' ENTERED AT 15:20:30 ON 20 JUL 2006  
FILE 'REGISTRY' ENTERED AT 15:23:26 ON 20 JUL 2006  
L93 STRUCTURE UPLOADED  
L94 6 SEA SUB=L51 SSS SAM L93  
D SCA  
L95 132 SEA SUB=L51 SSS FUL L93  
FILE 'HCAPLUS' ENTERED AT 15:25:35 ON 20 JUL 2006  
FILE 'REGISTRY' ENTERED AT 15:25:44 ON 20 JUL 2006  
SAVE TEMP L95 SRI324STRF/A  
FILE 'HCAPLUS' ENTERED AT 15:26:19 ON 20 JUL 2006  
L96 40 SEA ABB=ON PLU=ON L95  
FILE 'STNGUIDE' ENTERED AT 15:30:05 ON 20 JUL 2006  
FILE 'REGISTRY' ENTERED AT 15:30:54 ON 20 JUL 2006  
FILE 'HCAPLUS' ENTERED AT 15:31:59 ON 20 JUL 2006  
L97 ANALYZE PLU=ON L96 1- RN : 508 TERMS  
D  
FILE 'REGISTRY' ENTERED AT 15:32:21 ON 20 JUL 2006  
L98 1 SEA ABB=ON PLU=ON 72905-30-7  
D SCA  
FILE 'HCAPLUS' ENTERED AT 15:33:37 ON 20 JUL 2006  
L99 46 SEA ABB=ON PLU=ON L37 OR L38 OR L59 OR L61 OR L75 OR L80 OR  
L83 OR L85 OR L90  
L100 27 SEA ABB=ON PLU=ON L70 OR L71 OR L33 OR L18 OR L20  
L101 41 SEA ABB=ON PLU=ON L99 NOT L100  
L102 35 SEA ABB=ON PLU=ON L96 NOT L100  
L103 72 SEA ABB=ON PLU=ON L101 OR L102  
FILE 'REGISTRY' ENTERED AT 15:34:49 ON 20 JUL 2006  
FILE 'STNGUIDE' ENTERED AT 15:34:52 ON 20 JUL 2006  
FILE 'REGISTRY' ENTERED AT 15:34:56 ON 20 JUL 2006  
FILE 'HCAPLUS' ENTERED AT 15:37:35 ON 20 JUL 2006  
D QUE L67  
D QUE L90  
L104 4 SEA ABB=ON PLU=ON L90 AND ((L54 OR L55) OR (L64 OR L65)) AND  
(L56 OR L66)  
FILE 'REGISTRY' ENTERED AT 15:38:39 ON 20 JUL 2006

L105 1 SEA ABB=ON PLU=ON BENZENE/CN  
D RSD  
L106 QUE ABB=ON PLU=ON 46.150.18/RID  
L107 81 SEA ABB=ON PLU=ON L106 AND L95

FILE 'HCAPLUS' ENTERED AT 15:40:05 ON 20 JUL 2006

L108 21 SEA ABB=ON PLU=ON L107  
L109 61 SEA ABB=ON PLU=ON L37 OR L38 OR L59 OR L61 OR L75 OR L80 OR  
L83 OR L85 OR L90 OR L104 OR L108  
L110 5 SEA ABB=ON PLU=ON (L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR  
L17) AND L109

FILE 'STNGUIDE' ENTERED AT 15:43:01 ON 20 JUL 2006

FILE 'REGISTRY' ENTERED AT 15:43:14 ON 20 JUL 2006

FILE 'HCAPLUS' ENTERED AT 15:43:30 ON 20 JUL 2006

FILE 'STNGUIDE' ENTERED AT 15:43:46 ON 20 JUL 2006

FILE 'REGISTRY' ENTERED AT 15:44:06 ON 20 JUL 2006

FILE 'HCAPLUS' ENTERED AT 15:44:11 ON 20 JUL 2006

D STAT QUE L18  
D STAT QUE L20  
D STAT QUE L33  
D STAT QUE L70  
D STAT QUE L71  
D STAT QUE L110  
L111 27 SEA ABB=ON PLU=ON L18 OR L20 OR L33 OR L70 OR L71 OR L110  
D IBIB ABS HITIND HITSTR L111 1-27

FILE 'STNGUIDE' ENTERED AT 15:47:17 ON 20 JUL 2006

FILE 'REGISTRY' ENTERED AT 15:47:45 ON 20 JUL 2006

FILE 'HCAPLUS' ENTERED AT 15:47:48 ON 20 JUL 2006

D STAT QUE L37  
D STAT QUE L38  
D STAT QUE L59  
D STAT QUE L61  
D STAT QUE L75  
D STAT QUE L80  
D STAT QUE L83  
D STAT QUE L85  
D STAT QUE L90  
D STAT QUE L104  
D STAT QUE L108  
L112 56 SEA ABB=ON PLU=ON (L37 OR L38 OR L59 OR L61 OR L75 OR L80 OR  
L83 OR L85 OR L90 OR L104 OR L108) NOT L111  
D IBIB ABS HITIND HITSTR L112 1-56

FILE HOME

FILE HCAPLUS

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December

26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 20 Jul 2006 VOL 145 ISS 4  
FILE LAST UPDATED: 19 Jul 2006 (20060719/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

#### FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 JUL 2006 HIGHEST RN 894691-89-5  
DICTIONARY FILE UPDATES: 19 JUL 2006 HIGHEST RN 894691-89-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

#### FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jul 17, 2006 (20060717/UP).

=>